

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An alpha track detector for measuring a ~~the~~ time integral concentration of radon, comprising ~~three pieces:~~
~~a 'detecting part'(3), a 'connecting part'(2) and a 'filter holder'(1)~~
a detecting part;
a connecting part; and
a filter holder.
2. (Currently Amended) The detector of claim 1, wherein the detecting part ~~has 'detecting part'(3)~~ have a foldable semicircle ring ring(4) outside with a hole ~~the hole(41)~~ diameter from 1mm to 4mm, and a set of SSTD-holders ~~SSTD-holders(31)~~ with an inside distance from 5mm to 20mm from the tangent line of the detector's inner edge.
3. (Currently Amended) The detector of claim 1, wherein the connecting part ~~'connecting part'(2)~~ have includes a supporter of filter which ~~coincide~~ coincides with the filter holder ~~(1)~~.